

| L Number | Hits | Search Text | DB | Time stamp |
|----------|------|---|---|------------------|
| - | 2 | "5727436" | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT | 2003/11/03 11:45 |
| - | 14 | ("1721007" "1817223" "2221904" "2237069" "3228268" "3683499" "4353164" "4543722" "4739687" "4793063" "4807367" "4905557" "5029392" "5639193").PN. | USPAT | 2003/11/03 11:42 |
| - | 0 | 5727436.URPN. | USPAT | 2003/11/03 11:44 |
| - | 0 | 5727436.URPN. | USPAT | 2003/11/03 11:44 |
| - | 7 | "5029392" | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT | 2003/11/03 11:45 |
| - | 10 | "4905557" | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT | 2003/11/03 11:46 |
| - | 6 | "4899447" | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT | 2003/11/03 11:50 |
| - | 7 | "4739687" | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT | 2003/11/03 11:51 |
| - | 6 | "4724616" | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT | 2003/11/03 11:51 |
| - | 3 | "4594779" | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT | 2003/11/03 11:52 |
| - | 5 | "4543722" | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT | 2003/11/03 11:53 |
| - | 3 | 4543722.URPN. | USPAT | 2003/11/03 11:53 |
| - | 6 | "4353164" | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT | 2003/11/03 11:53 |
| - | 12 | "4187913" | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT | 2003/11/03 11:54 |
| - | 18 | "4087913" | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2003/11/03 11:56 |

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|---|----|---|---|---------------------|
| - | 5 | 2237069.URPN. | USPAT | 2003/11/03 16:53 |
| - | 10 | 1817223.URPN. | USPAT | 2003/11/03 16:54 |
| - | 3 | 5029392.URPN. | USPAT | 2003/11/03 16:56 |
| - | 4 | ("1372630" "2250434" "4481700" "4724616").PN. | USPAT | 2003/11/03 16:56 |
| - | 3 | 4899447.URPN. | USPAT | 2003/11/03 16:57 |
| - | 3 | 4899447.URPN. | USPAT | 2003/11/03 16:58 |
| - | 4 | 4739687.URPN. | USPAT | 2003/11/03 16:58 |
| - | 4 | 3721446.URPN. | USPAT | 2003/11/03 16:59 |
| - | 1 | 4594779.URPN. | USPAT | 2003/11/03 17:00 |
| - | 4 | ("1817223" "2214701" "2221904" "3728927").PN. | USPAT | 2003/11/03 17:00 |
| - | 3 | 4543722.URPN. | USPAT | 2003/11/03 17:00 |
| - | 2 | 4353164.URPN. | USPAT | 2003/11/03 17:01 |
| - | 5 | ("2787324" "3348310" "3391460" "3683499" "3924331").PN. | USPAT | 2003/11/03 17:02 |
| - | 15 | 4087913.URPN. | USPAT | 2003/11/03 17:02 |
| - | 15 | 4087913.URPN. | USPAT | 2003/11/03 17:04 |
| - | 5 | ("2787324" "3348310" "3391460" "3683499" "3924331").PN. | USPAT | 2003/11/03 17:06 |
| - | 15 | 4087913.URPN. | USPAT | 2003/11/03 17:09 |
| - | 3 | ("1320189" "1961843" "3656379").PN. | USPAT | 2003/11/03 17:09 |
| - | 7 | 3728927.URPN. | USPAT | 2003/11/03 17:10 |
| - | 4 | ("1540860" "2145725" "2202513" "3105299").PN. | USPAT | 2003/11/03 17:10 |
| - | 2 | 3683499.URPN. | USPAT | 2003/11/03 17:11 |
| - | 4 | 1721007.URPN. | USPAT | 2003/11/03 17:11 |
| - | 9 | 2221904.URPN. | USPAT | 2003/11/03 17:12 |
| - | 10 | ("1817223" "2096778" "2176943" "2237069" "2633197" "3056203" "3255526" "3269011" "3425219" "3564716").PN. | USPAT | 2003/11/03 17:13 |
| - | 2 | 4403417.URPN. | USPAT | 2003/11/03 17:14 |
| - | 11 | 2145725.URPN. | USPAT | 2003/11/03 17:14 |
| - | 11 | 2145725.URPN. | USPAT | 2003/11/03 17:16 |
| - | 7 | 3269011.URPN. | USPAT | 2003/11/03 17:16 |
| - | 2 | 3255526.URPN. | USPAT | 2003/11/03 17:17 |
| - | 2 | 2096778.URPN. | USPAT | 2003/11/03 17:17 |
| - | 10 | 1817223.URPN. | USPAT | 2003/11/03 17:17 |
| - | 36 | 83/\$.ccls. and ((punch or die) near2 knockout) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2003/11/03 18:08 |
| - | 49 | 83/679 and (punch or die) | USPAT; US-PGPUB | 2003/11/03 17:52 |

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|---|------|--|--|---------------------|
| - | 77 | 83/\$.ccls. and ((punch or die) near2 ((knock near3 out) or draw)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USOCR | 2003/11/03 18:14 |
| - | 99 | 83/\$.ccls. and ((punch or die) near2 ((knock near3 out) or draw)) | USPAT; | 2003/11/03 18:19 |
| - | 1678 | ((punch or die) near2 ((knock near2 out) or draw)) | USPAT; US-PGPUB | 2003/11/03 18:20 |
| - | 225 | ((punch or die) near2 ((knock near2 out) or draw))) and thread | USPAT; US-PGPUB | 2003/11/03 18:20 |
| - | 19 | 408/.ccls. and (punch or die) same (knockout or draw) | USPAT; US-PGPUB | 2003/11/04 10:19 |
| - | 19 | 408/.ccls. and (punch or die) same (knockout or draw)) | USPAT; US-PGPUB | 2003/11/04 10:20 |
| - | 176 | 408/.ccls. and ((punch or die) same (knockout or draw)) | USOCR | 2003/11/04 10:20 |
| - | 400 | 408/211 | USPAT; US-PGPUB | 2003/11/04 15:38 |
| - | 176 | 408/212 | USPAT; US-PGPUB | 2003/11/04 15:45 |
| - | 241 | 408/213 | USPAT; US-PGPUB | 2003/11/04 16:08 |
| - | 824 | 408/224 | USPAT; US-PGPUB | 2003/11/04 16:09 |
| - | 14 | 408/224 and punch | USPAT; US-PGPUB | 2003/11/04 16:09 |
| - | 43 | 408/224 and (punch or die) | USPAT; US-PGPUB | 2003/11/04 16:11 |
| - | 9 | 408/224 and (punch or die) | USOCR | 2003/11/04 16:12 |
| - | 147 | 408/102 | USPAT; US-PGPUB | 2003/11/04 16:18 |
| - | 4 | "5544987" | USPAT; US-PGPUB | 2003/11/04 16:18 |
| - | 2 | ("4468829" "4930946").PN. | USPAT | 2003/11/04 16:20 |
| - | 29 | ("0239056" "0248033" "D282369" "0468085" "0765877" "1310319" "1593654" "2869405" "3430526" "3610768" "3687565" "3860354" "3945753" "4072437" "4147464" "4244667" "4322188" "4352610" "4353670" "4408935" "4422812" "4490080" "4500234" "4538944" "4556347" "4573838" "4591303" "4625707" "4669931").PN. | USPAT | 2003/11/04 16:21 |
| - | 0 | 5049010.URPN. | USPAT | 2003/11/04 16:23 |
| - | 0 | 5049010.URPN. | USPAT | 2003/11/04 16:23 |
| - | 2 | ("2811184" "2937545").PN. | USPAT | 2003/11/04 16:23 |
| - | 1 | 4830548.URPN. | USPAT | 2003/11/04 16:24 |
| - | 2 | ("2923180" "3180018").PN. | USPAT | 2003/11/04 16:24 |
| - | 18 | 3825362.URPN. | USPAT | 2003/11/04 16:25 |
| - | 18 | 3825362.URPN. | USPAT | 2003/11/04 16:26 |
| - | 0 | 3289499.URPN. | USPAT | 2003/11/04 16:26 |
| - | 0 | 3289499.URPN. | USPAT | 2003/11/04 16:26 |
| - | 367 | 83/743 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2003/11/06 09:48 |

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| - | 14 | 83/743 and (punch or die) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USOCR | 2003/11/06 09:50 |
| - | 35 | 83/745 and (punch or die) | USOCR | 2003/11/06 09:52 |
| - | 3 | 83/745 and (punch or die) | USOCR | 2003/11/06 09:52 |
| - | 4 | 83/743 and (punch or die) | USOCR | 2003/11/06 09:53 |
| - | 55 | 83/690 and (punch or die) | USOCR | 2003/11/06 09:58 |
| - | 151 | 83/690 and (punch or die) | USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USOCR | 2003/11/06 10:12 |
| - | 21 | 83/631 and (punch or die) | USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USOCR | 2003/11/06 10:13 |
| - | 75 | 30/360 and (punch or die) | USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USOCR | 2003/11/06 10:18 |
| - | 26 | 30/360 and (punch or die) | USPAT; US-PGPUB; US-PGPUB | 2003/11/06 10:18 2004/04/19 |
| - | 15 | 83/686 | USPAT; US-PGPUB | 14:15 |
| - | 435 | 83/686 | USPAT; US-PGPUB | 2004/04/19 |
| - | 118 | 83/681 | USPAT; US-PGPUB | 2004/04/19 |
| - | 460 | 83/684 | USPAT; US-PGPUB | 2004/04/19 |
| - | 603 | 83/685 | USPAT; US-PGPUB | 2004/04/19 |
| - | 172 | 83/689 | USPAT; US-PGPUB | 14:32 2004/04/19 |
| - | 122 | 83/696 | USPAT; US-PGPUB | 14:42 2004/04/19 |
| - | 411 | 408/211 | USPAT; US-PGPUB | 14:46 2004/04/19 |
| - | 177 | 408/212 | USPAT; US-PGPUB | 14:49 2004/04/19 |
| - | 243 | 408/213 | USPAT; US-PGPUB | 14:51 2004/04/19 |
| - | 839 | 408/224 | USPAT; US-PGPUB | 15:13 2004/04/19 |
| - | 151 | 408/102 | USPAT; US-PGPUB | 15:19 2004/04/19 |
| - | 373 | 83/743 | USPAT; US-PGPUB | 15:20 2004/04/19 |
| - | 739 | 83/745 | USPAT; US-PGPUB | 15:23 2004/04/19 |
| - | 260 | 83/690 | USPAT; US-PGPUB | 15:27 2004/04/19 |
| - | 144 | 83/631 | USPAT; US-PGPUB | 15:32 2004/04/19 |
| - | 180 | 30/360 | USPAT; US-PGPUB | 15:34 2004/04/19 |
| - | 31 | 30/360 | USPAT; US-PGPUB USOCR | 15:43 2004/04/19 |
| - | 63 | 30/362 | USOCR | 15:48 2004/04/19 |
| - | 167 | 30/362 | USPAT; US-PGPUB | 15:53 2004/04/19 |
| - | 63 | 30/362 | USOCR | 16:34 2004/04/19 |
| | | | | 16:36 |

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|---|-----|------------------------------|---|--|
| - | 475 | 30/366 | USPAT; US-PGPUB | 2004/04/19 16:36 |
| - | 5 | "3683499" | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB | 2004/04/21 10:42 2004/08/10 11:30 |
| - | 446 | 83/686 | USPAT; US-PGPUB | 2004/08/10 11:31 |
| - | 24 | 83/681.ccls. and punch | USPAT; US-PGPUB | 2004/08/10 11:36 |
| - | 125 | 83/684.ccls. and punch | USPAT; US-PGPUB | 2004/08/10 11:39 |
| - | 179 | 83/685.ccls. and punch | USPAT; US-PGPUB | 2004/08/10 11:41 |
| - | 53 | 83/689.ccls. and punch | USPAT; US-PGPUB | 2004/08/10 11:41 |
| - | 8 | 83/696.ccls. and punch | USPAT; US-PGPUB | 2004/08/10 11:41 |
| - | 4 | 408/211.ccls. and punch | USPAT; US-PGPUB | 2004/08/10 11:41 |
| - | 99 | 408/212.ccls. | USPAT; US-PGPUB | 2004/08/10 11:48 |
| - | 154 | 408/213.ccls. | USPAT; US-PGPUB | 2004/08/10 11:50 |
| - | 445 | 408/224.ccls. | USPAT; US-PGPUB | 2004/08/10 12:00 |
| - | 88 | 408/102.ccls. | USPAT; US-PGPUB | 2004/08/10 12:01 |
| - | 200 | 83/743.ccls. | USPAT; US-PGPUB | 2004/08/10 12:02 |
| - | 3 | 83/743.ccls. and punch | USPAT; US-PGPUB | 2004/08/10 12:02 |
| - | 63 | 83/690.ccls. and punch | USPAT; US-PGPUB | 2004/08/10 12:03 |
| - | 9 | 83/745.ccls. and punch | USPAT; US-PGPUB | 2004/08/10 12:04 |
| - | 14 | 83/631.ccls. and punch | USPAT; US-PGPUB | 2004/08/10 12:04 |
| - | 42 | 30/360.ccls. and punch | USPAT; US-PGPUB | 2004/08/10 12:07 |
| - | 23 | 30/362.ccls. and punch | USPAT; US-PGPUB | 2004/08/10 12:08 |
| - | 53 | 30/366.ccls. and punch | USPAT; US-PGPUB | 2004/08/10 12:10 |
| - | 0 | "10085730" | USPAT; US-PGPUB | 2004/08/10 12:10 |
| - | 1 | "10/085,730" | USPAT; US-PGPUB | 2004/08/10 12:10 |
| - | 3 | "0029819" | USPAT; US-PGPUB | 2004/08/10 14:07 |
| - | 1 | "2001/0029819" | USPAT; US-PGPUB | 2004/08/10 14:08 |
| - | 1 | okouchi.inv. and 83/\$.ccls. | USPAT; US-PGPUB | 2004/08/10 14:08 |